

Shlomit Sinai
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January 6, 2019

Re: MICROBIOLOGICAL TEST OF SEEDS

Official sample No.40727-2018/2
 Certificate import no. 59014-2018

Sample Details:

Sample:	Pepper seeds Capsicum Annum	Lab ID:	7648
Variety:	RELAMPAGO	Seeds origin:	INDIA
Lot No.	5730897 (5.804.906)	Name of official Sampler:	Shlomit Sinai
Weight of sample:	95gr	Seed owner:	Efal Chemicals
Weight of shipment:		Date sampled: 24.12.2018	Date Received: 26.12.2018

<u>Tested for:</u>	<u>RESULTS</u>
Pseudomonas corrugata - 2 replicates of 5000 seeds	Negative
Clavibacter michiganensis subsp. michiganensis - 2 replicates of 5000 seeds	Negative
Erwinia carotovora - 2 replicates of 5000 seeds	Negative
Xanthomonas vesicatoria- 2 replicates of 5000 seeds	Negative
Tobamoviruses (TMV, PMMV, ToBRFV) - 12 replicates of 250 seeds	Negative
Tomato black ring nepovirus - 1 replicate of 250 seeds	Negative
Tomato ringspot nepovirus -1 replicate of 250 seeds	Negative
Phytophthora capsici - 400 seeds	Negative

The tests were performed according to:

S.O.P 54: "Testing Tomato and Pepper seeds for Pt, Pc, Xv, Cmm, Er".

S.O.P 56: "Detection of Tobamoviruses in tomato and pepper plants and seeds"

S.O.P 83: "Detection of Fungi in seeds for: *Fusarium, Didymella, Phoma, Lasiodiplodia*

Macrophomina, Colletotrichum, Alternaria, Stemphylium, Cladosporium, Phytophthora, Verticillium.

S.O.P 103: "Detection of viruses in Solanacea seeds".

Comments:

1. **Transportation:** The sample was received in the laboratory without any means of protection from temperature changes.
2. **Treatment:** The seeds were treated by THIRAM (TMTD), the treatment may interfere or mask the results.
3. **ISRAC** is not responsible for the testing results conducted by the laboratory and the laboratory's accreditation is not considered as an approval of ISRAC or different party related to the assessed.
- 4 This document must be referred to entirely and copying of any part of it to other documents is forbidden
5. The data in this certificate reflect results that are valid for analyzed samples only as received in the lab.

Final results are the PPIS representative responsibility.

End of certificate.

Sincerely yours,

Isaac Assouline,
 Head, Microlab Laboratories (99) LTD.